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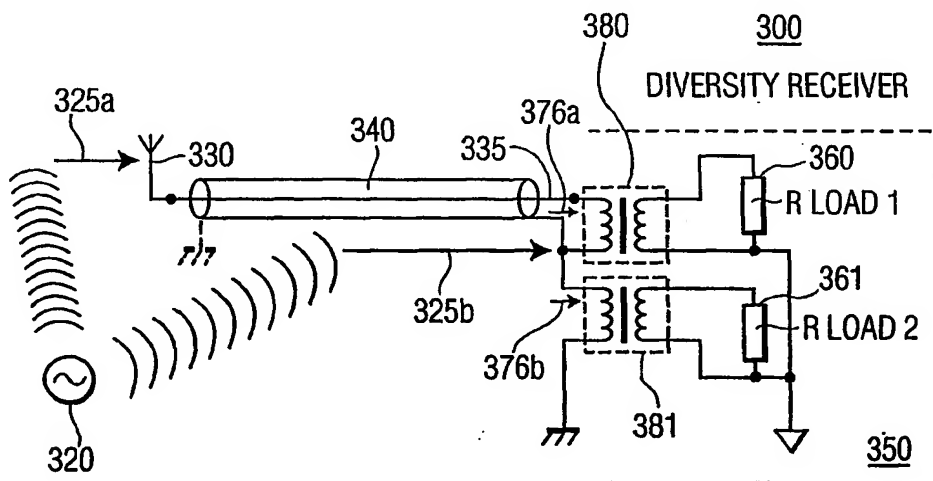
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(54) Title: METHOD AND APPARATUS FOR TRUE DIVERSITY RECEPTION WITH SINGLE ANTENNA



(57) Abstract: A system for wireless communication, particularly for receiving communication signals, said system comprising: A main antenna structure(330), said antenna structure adapted to receive a communication signal(325a) as a first internal signal; and an antenna cable, said antenna cable having a first end operationally coupled to said main antenna structure and a second end, said antenna cable including a main conductor(335) for passing said first internal signal, and a second receiving conductor(340), said second receiving conductor adapted to receive said communication signal as a second internal signal, and wherein said second receiving conductor as a receiving element is spatially separated from the main antenna structure. The disclosed antenna system and apparatus for the extraction of the second, spatially-separated received signal achieves spatial diversity to alleviate multipath effects in wireless communication systems.

WO 2004/051884 A1

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